



Noah Seidman
Amendments to Application Number
10/707,538 (Streamlined Electrolyzer)
As of 5/8/04

Amendments to Abstract

(The entire abstract is to be replaced with the following.)

The Streamlined Electrolyzer induces an electrolytic reaction in conductive water, and harvests the product hydrogen and oxygen gasses for utilization. The Streamlined Electrolyzer produces a hydrogen and oxygen gas mixture, which can be ignited to produce a flame that can be used in a variety of commercial and residential applications.

Amendment to Claims

(Claim 14 is to be replaced with the following.)

14. The Streamlined Electrolyzer contains the liquid/gas filter [3], which is comprised of microporous hollow tubes with the following attributes: hydrogen and oxygen gasses are capable of penetrating the microporous hollow tubes; conductive water is not capable of penetrating the microporous hollow tubes; the microporous hollow tubes are sized to 200-220 micro meters in diameter to establish these previous hydrophobic attributes of the liquid/gas filter [3].